

 <p>Financial Assistance Award</p> <p>DENALI COMMISSION 510 L Street, Suite 410 Anchorage, Alaska 99501 (907) 271-1414 (phone) (907) 271-1415 (fax) www.denali.gov</p>		Award Number	01470-02		
		Award Title	Study on Unregulated Drinking Water Sources		
		Performance Period	August 30, 2015 through August 29, 2019		
Authority 112 Stat 1854	CFDA Number 90.100	<u>Recipient Organization & Address</u> Alaska Native Tribal Health Consortium Inc. 4000 Ambassador Dr Alaska Native Tribal Health Consortium Phone: 907-729-2923 Recipient DUNS # 071375658 TIN # 920162721			
Denali Commission Finance Officer Certification					
<u>Cost Share Distribution Table</u>					
Accounting Code	New Funding		Prior Period Funding		Total
	Denali Commission	Other Contributors	Denali Commission	Other Contributors	
95670000	\$248,839.64		\$312,723.74		\$561,563.38
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
Total	\$248,839.64	\$0.00	\$312,723.74	\$0.00	\$561,563.38
This Financial Assistance Award approved by the Federal Co-Chair of the Denali Commission constitutes an obligation of federal funding.					
Signature of Authorized Official - Denali Commission Electronically Signed		Typed Name and Title Mr. Jay Farmwald Director of Programs		Date 08/18/2017	

AWARD ATTACHMENTS

Alaska Native Tribal Health Consortium Inc.

01470-02

1. Award Attachments
2. Amendment 2
3. Attachment A
4. Budget and Funding Summary
5. Statement of Work

AWARD ATTACHMENTS

Alaska Native Tribal Health Consortium

01470-02

1. Amendment 2: Changes to Award Conditions
2. Attachment A with Budget and Funding Summary
3. Statement of Work from Centers for Disease Control and Prevention (CDC)

Financial Assistance Award 1470
Between the Denali Commission and Alaska Native Tribal Health Consortium
For Study on Unregulated Drinking Water Sources
Amendment 2
August 2017

All changes to the award conditions are noted below.

1. Increase funding by \$248,839.64
2. Extend performance period to 29 August 2018
3. The general scope of work is to continue to collect data on unregulated drinking water sources in rural Alaska villages and lower 48 Tribal lands/communities
4. More detailed information on scope, deliverables, budget, funding, project delivery method, schedule, and key milestones are included in Attachment A dated August 2017

**Attachment A
To The
Financial Assistance Award Terms and Conditions
Between the Denali Commission and Alaska Native Tribal Health Consortium
For Study on Unregulated Drinking Water Sources
Award No. 1470 – Amendment 2**

- a. Scope of Work: Reference Section C.3 of the 4 August 2017 attachment to IAA-16FED1605627.
- b. Deliverables: Reference Section C.9 of the 4 August 2017 attachment to IAA-16FED1605627, particularly Option Year 1 (August 30, 2017 – August 29, 2018).
- c. Budget: Detailed budget and funding information is summarized on page 2.
- d. Delivery Method: The National Tribal Water Center (NTWC), which is part of the Alaska Native Tribal Health Consortium (ANTHC) Department of Environmental Health & Engineering (DEHE), will complete the scope of work using in-house resources and contract services. Cooperative Agreement provisions do not apply.
- e. Schedule: The period of performance for this project is 30 August 2015 thru 29 August 2018. Key milestones are summarized below.

Issue award(s) to tribal water work subrecipients: November 2017
Report describing program evaluation: December 2017
First Draft of Community Outreach Toolkit: March 2018

More specific deliverable due dates are summarized in Section C.9 of the attachment to IAA-16FED1605627 referenced above.

- f. Special Considerations: Electronic and Information Technology (EIT) standards, and security controls related to Personally Identifiable Information (PII) as stipulated in Section C.6 of the attachment to IAA-16FED1605627.

TOTAL BUDGET August 2015 to August 2018				
Line	Item	By	Amount	Basis/Notes
1	Personnel	ANTHC/NTWC	\$243,000.00	3,240 hr/36 months @ average burdened rate of \$75/hr
2	Travel	ANTHC/NTWC	\$66,000.00	33 person trips @ \$2,000/trip
3	Other Direct Costs	ANTHC/NTWC	\$42,000.00	Printing, mural painting supplies, and community meetings per NTWC August 2017 estimate
4	Subcontracts	ANTHC/NTWC	\$113,931.38	Toolkit evaluation, Cherokee Nation well monitoring, Northern Cheyenne well & spring monitoring
5	Subtotal		\$464,931.38	
6	Indirect Costs ^a	ANTHC/NTWC	\$96,632.00	25.7% of lines 1, 2, 3, and the first \$25,000 of line 4; see note a
7	Total		\$561,563.38	

Additional Notes
a. ANTHC/DEHE has a federally negotiated indirect rate of 25.7% dated 9/29/2015 from the US Department of Health and Human Services; DEHE Pool Costs do not apply to this award

FUNDING				
Line	Source	Award or Reference	Amount	Notes
8	Denali Commission	1470-00	\$88,340.00	IAA No. 15FED1506251-0001 with CDC
9	Denali Commission	1470-01	\$224,383.74	IAA No. 16FED1605627-001 with CDC
10	Denali Commission	1470-02	\$164,069.64	IAA No. 16FED1605627-0002-0000 with CDC
11	Denali Commission	1470-02	\$84,770.00	IAA No. 16FED1605627-0002-0001 with CDC
12	Total Funding Available As Of This Action		\$561,563.38	

STATEMENT OF WORK

Title of Project: Understanding the current state of, and the knowledge, practices, and concerns about, drinking water on U.S. Tribal lands

C.1 Background and Need

The use of unregulated drinking water (UDW) sources represents a potential public health risk for tribal communities because these water sources are not routinely tested or treated for biological or chemical contaminants. Through discussions with tribal representatives and federal agencies working with tribal organizations, it is clear there is a significant knowledge gap regarding the extent to which people living on tribal lands use water from unregulated sources, and the quality of this water. Although previous investigations have increased our knowledge about use of water from UDW sources in some tribal communities, we do not have a comprehensive understanding of unregulated drinking water use nationwide and the potential impact it may have on public health.

Tribal communities are often underserved, underrepresented, and may have public health issues and concerns that are unique compared to the general U.S. population. Almost half of U.S. federally-recognized tribes are located within Alaska and Alaska Natives are the group primarily affected by reliance on unregulated water sources. In efforts to improve public health conditions and initiate public health action in tribal areas, it remains a challenge to identify the appropriate points of contact in each tribal area and community, to earn the trust needed for cooperation, and to initiate collaborative activities to address community priorities.

The Denali Commission Act of 1998 (the "Act") established the Denali Commission ("Commission") to deliver services of the federal government in the most cost-effective manner by reducing administrative and overhead costs. In accordance with the Act, as amended, the Commission will not retain more than 5 percent of funds awarded via this IAA for Commission administrative expenses.

The Denali Commission will serve to administer funds provided by the Centers for Disease Control (CDC) for the scope of work (see section C.3) requested by the Health Studies Branch (HSB) of CDC's National Center for Environmental Health to support their Clean Water for Health program. This program aims to identify, characterize, and address issues related to unregulated drinking water and to conduct research focusing on exposure to contaminated unregulated drinking water and potential adverse health effects.

C.2 Project Objectives

The objectives of this interagency agreement are to:

- 1) Broadly disseminate the report written in the previous year that describes the current scope of unregulated drinking water use on tribal lands and knowledge, practices, use of, and concerns related to UDW on tribal lands;
- 2) Finalize the strategic plan for addressing areas of concern; and
- 3) Facilitate building partnerships in order to implement the plan to address UDW-related needs.
- 4) Finalize and evaluate a toolkit for developing tribal water outreach programs.

C.3 Scope of Work

The work of this interagency agreement addresses informational gaps related to unregulated sources of drinking water on tribal lands. Information gathered as part of this IAA can be applied in Alaska Native villages who receive water from unregulated sources to improve access to and quality of drinking water used by Alaska Natives. In order to accomplish the project objectives, the scope includes disseminating the report that includes the analysis of previously collected data to describe the state of UDW on tribal lands; to describe knowledge, practices and concerns related to UDW; finalizing the strategic plan for addressing tribal community issues and concerns that includes recommendations for collaborations; and identifying resources needed to implement the plan.

C.4 Technical Requirements

Base Year (12 month period of performance August 30, 2016 – August 29, 2017)

1. Develop a plan to broadly disseminate the report that describes sources of UDW data on Tribal lands, and the knowledge, practices, and concerns about UDW use on Tribal lands.
2. Share written report with tribal organizations and other relevant stakeholders.
3. Using information from the report, finalize the strategic plan that describes how tribal concerns about UDW could be addressed, including identifying needed collaborations and resources, identifying gaps in those resources, and providing recommendations for filling the gaps.
4. Provide administrative, analysis, and logistic support for tribal water work and subrecipient awards for approved scope of work by the HSB team.
5. Participate on monthly calls to document progress and challenges. Develop and distribute an agenda for each call, soliciting items for discussion from HSB collaborators. Take notes during and provide minutes of each call to summarize progress, detailing work completed to date, challenges, barriers, resolution, updated timelines and planned activities for the next month.

Option Year 1 (12 month period of performance August 30, 2017 – August 29, 2018)

1. Travel to and present report findings at one national U.S. tribal conference.
2. Draft of manuscript based on report.
3. Develop, pilot, and finalize a toolkit about water for tribal community outreach and engagement. The toolkit will include program activity materials, instructions, checklists, templates, budgets, and educational resources.
4. Provide administrative, analysis, and logistic support for tribal water work and subrecipient awards for approved scope of work by the HSB team.

- a. The Cherokee Nation: Well Monitoring in Snake Creek and Iron Post
- b. Northern Cheyenne Tribe: Spring and Well Monitoring

5. Participate on monthly calls to document progress and challenges. Develop and distribute an agenda for each call, soliciting items for discussion from HSB collaborators. Take notes and provide minutes of each call to summarize progress, detailing work completed to date, challenges, barriers, resolution, updated timelines and planned activities for the next month.
6. Conduct program evaluation in one tribal community to determine ease-of-use of toolkit materials, completeness of toolkit materials, and identify additional guidance or materials needed for communities to implement toolkit activities independently.

C.5 Reporting Schedule

Staff involved with this IAA work will meet monthly by conference calls to discuss the progress, challenges, barriers and next steps of the project.

C.6 Special Considerations

Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d) requires Federal agencies to purchase electronic and information technologies (EIT) that meet specific accessibility standards. All final deliverables must comply with applicable Section 508 accessibility standards, and CDC reserves the right to reject deliverables that fail to meet the standards. Remediation of any materials that do not comply with the applicable provisions of 36 CFR Part 1194 as set forth in the SOW or PWS, shall be the responsibility of the contractor or consultant retained to produce the Web-suitable content or communications material. Regardless of format, all electronic documents - including text, audio or video - must conform to applicable Section 508 standards to allow federal employees and members of the public with disabilities to access information that is comparable to information provided to persons without disabilities.

The following Section 508 provisions apply to the content or communications material identified in this SOW or PWS: 36 CFR 1194 .22, .31, and .41

Documents must be in unlocked form. Acceptance checklists for various file formats are available at <http://www.hhs.gov/web/508/index.html>.

IT Contractor performance and resulting deliverables must adhere to all federal, HHS, and/or CDC IT security policies and procedures. Based upon the scope of this contract, the following HHSAR IT Security clauses apply: 352.239-70 Standard for Security Configurations; 352.239-71 Standard for Encryption Language; 352.239-72 Security requirements for Federal Information technology Resources. The clauses may be found at: <http://www.hhs.gov/policies/hhsar/subpart352> Specific HHSAR IT security clause statements apply for work conducted by the Contractor on behalf of the government. Additionally, if the task order objectives include a cloud-based hosting solution, the RFTOP/SOW must include the GSA FedRAMP Standard Contract Language Security Contract Clause language, as defined in the attached "FedRAMP Standard Contractual Clauses" document. Please see the OCISO website at <http://intranet.cdc.gov/ociso/pandp/fedramp.html> for more background.

While the Privacy Act is not applicable, the appropriate security controls and Rules of Behavior should be incorporated to protect the confidentiality of information, proprietary, sensitive, and Personally

Identifiable Information (PII) the Contractor may come in contact with during the performance of this contract.

C.7 Government Furnished Property

None

C.8 References

1. Gessner, B.D. (2008). Lack of piped water and sewage services is associated with pediatric lower respiratory tract infection in Alaska. *Journal of Pediatrics*, 152. 666-70.
2. Hennessy, T.W., Ritter, T., Holman, R.C., Bruden, D.L., Yorita, K.L. Bulkow, L., Cheek, J.E., Singleton, R.J., & Smith, J. (2008). The Relationship between in-home water service and the risk of respiratory tract, skin, and gastrointestinal tract infections among rural Alaska Natives. *American Journal of Public Health*, 98, 11. 2072-2078.
3. Howard, G. & Bartram, J. (2003). Domestic water quantity, service level and health, *World Health Organization*.
4. Rabie, T. & Curtis, V. (2006). Handwashing and risk of respiratory infections: a quantitative systematic review. *Tropical Medicine and International Health*, 11(3), 258-267.
5. Wenger, J.D., Zulz, T., Bruden, D., Singleton, R., Bruce, M.G., Bulkow, L., Parks, D., Rudolph, K., Hurlburt, D., Ritter, R., Klejka, J., & Hennessey, T. (2010). Invasive pneumococcal disease in Alaskan children: Impact of the seven-valent Pneumococcal conjugate vaccine and the role of water supply. *The Pediatric Infectious Disease Journal*, 29(3).

C.9 Deliverables

Base Year – August 30, 2016 – August 29, 2017

Task #	Deliverable	Format	Recipient/Participants	Due Date
5	Agenda for monthly conference calls	Word Document, provided by email	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	At least 2 business days prior to call
5	Minutes of monthly conference calls summarizing progress, challenges and barriers, decisions made, and next steps	Word Document, provided by email	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	No more than 5 business days after call
1	Plan to disseminate final report describing state of UDW on Tribal lands and Tribal knowledge, practices, and concerns about UDW	Word Document provided by email	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	Within 2 months of date of award
4	Technical support for Tribes conducting UDW monitoring	Word Document provided by email	HSB COR/PO and Technical Monitor	Upon request within 12 months of award
3	Final strategic plan for addressing Tribal concerns	Word Document provided by	NCEH/HSB Project Officer;	Within 3 months of award

		email	NCEH/HSB Epidemiologist	
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Option Year 1 – August 30, 2017 – August 29, 2018

Task #	Deliverable	Format	Recipient/Participants	Due Date
5	Agenda for monthly conference calls	Word Document, provided by email	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	At least 2 working days prior to call
5	Minutes of monthly conference calls summarizing progress, challenges and barriers, decisions made, and next steps	Word Document, provided by email	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	No more than 5 working days after call
1	First draft of presentation for a national and/or Tribal-related conference	Power Point, provided by email	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	Within 21 days of abstract acceptance
3	First draft of community outreach toolkit	Word Document provided by email	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	Within 6 months of award
2	First draft of manuscript based on the report describing UDW on tribal lands	Word Document, provided by email	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	Within 6 months of award
1	Final version of presentation for a national and/or Tribal-related conference	Power Point, provided by email	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	At least 30 days prior to date of presentation
3	Pilot test version of community outreach toolkit	Reproducible print ready format	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	Within 16 months of award
3	Draft version of community outreach toolkit, including feedback from pilot test	Reproducible, print ready format	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	Within 12 months of award
2	Final draft of the manuscript, ready for submission to eClearance, and formatted for selected journal	Word Document provided by email	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	Within 18 months of award
4	Technical support for Tribes conducting UDW monitoring	Word Document provided by	HSB COR/PO and Technical Monitor	Upon request within 12 months of award

		email		
4	Issue award(s) to tribal water work subrecipients as approved by HSB collaborators	Word Document provided by email	HSB COR/PO and Technical Monitor	Within 3 months of award
6	Report describing program evaluation including methods and results	Word Document provided by email	HSB COR/PO and Technical Monitor	Within 4 months of award
3	Final version of community outreach toolkit, including feedback from evaluation	Reproducible, print ready format	NCEH/HSB Project Officer; NCEH/HSB Epidemiologist	Within 12 months of award